

## **IN THE CLAIMS**

Replace the claims with the following rewritten listing:

1. (Currently Amended) Seat occupancy sensor, comprising at least one pressure detection device associated with a surface of a seat and a control unit for communicating with the pressure detection device, wherein said pressure detection device comprises a surface acoustic wave device including at least one surface acoustic wave resonator and an antenna and wherein said control unit comprises an RF antenna for remotely interrogating and communicating with said surface acoustic wave device, wherein said pressure detection device further comprises a dedicated pressure sensor, said dedicated pressure sensor being electrically connected to said surface acoustic wave device so as to activate said surface acoustic wave device when said dedicated pressure sensor is triggered.
2. – 10. (Cancelled)
11. (Previously Presented) Seat occupancy sensor according to claim 1, wherein said dedicated pressure sensor comprises a pressure sensitive switching device, said pressure sensing switching device being electrically connected to said surface acoustic wave device so as to activate said surface acoustic wave device when said pressure sensitive switching device is triggered.
12. (Cancelled)
13. (Previously Presented) Seat occupancy sensor according to claim 11, wherein said pressure sensitive switching device comprises a plurality of individual pressure sensors or switches arranged at different locations with respect to the seat surface.
14. (Previously Presented) Seat occupancy sensor according to claim 1, wherein said surface acoustic wave device comprises at least one acoustic wave resonator adapted for temperature

measurement.

15. (Cancelled)

16. (New) Seat occupancy sensor, comprising at least one pressure detection device associated with a surface of a seat and a control unit for communicating with the pressure detection device, wherein said pressure detection device comprises a surface acoustic wave device including at least one surface acoustic wave resonator and an antenna and wherein said control unit comprises an RF antenna for remotely interrogating and communicating with said surface acoustic wave device, wherein said pressure detection device further comprises a dedicated pressure sensor, said dedicated pressure sensor being electrically connected to said surface acoustic wave device so as to activate said surface acoustic wave device when said dedicated pressure sensor is triggered, wherein said dedicated pressure sensor comprises a pressure sensitive switching device, said pressure sensing switching device being electrically connected to said surface acoustic wave device so as to activate said surface acoustic wave device when said pressure sensitive switching device is triggered, and wherein said pressure sensitive switching device is connected in series between the surface acoustic wave resonator and the antenna.

17. (New) Seat occupancy sensor according to claim 16, wherein said pressure sensitive switching device comprises a plurality of individual pressure sensors or switches arranged at different locations with respect to the seat surface.

18. (New) Seat occupancy sensor according to claim 16, wherein said surface acoustic wave device comprises at least one acoustic wave resonator adapted for temperature.